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IN THE CLAIMS:

Please cancel claims 11-13 without prejudice or disclaimer, and amend claims 1, 4 and 7 as follows:

1. (Currently Amended) A process for producing a display having a second substrate with a phosphor layer formed on a surface thereof, and a first substrate disposed opposing to said second substrate and having electron guns formed thereon, said electron guns having a structure of: a first conductive film laminated on the first substrate – an insulating film – a second conductive film, said process comprising: forming the insulating film into a tunneling insulator of said electron guns by anodizing said first conductive film formed as an electrode of said electron guns with a non-aqueous electrolyte containing an organic solvent having an alcoholic hydroxyl group and at least one solute selected from salts of organic carboxylic acids containing not more than 2 alcoholic hydroxyl groups, wherein the electrolyte contains water at 3-15% by weight, and said first conductive film is anodized at a current density of 1 μ to 1 mA/cm^2 and a formation voltage of 0.1 to 20 V.

2. (Original) A process according to claim 1, wherein the organic solvent having the alcoholic hydroxyl group is ethylene glycol or propylene glycol.

3. (Previously Amended) A process according to claim 1, wherein said organic carboxylic acid is one or more compounds selected from a group consisting of salicylic acid, adipic acid, azelaic acid, phthalic acid, benzoic acid, γ-resorcylic acid, maleic acid, fumaric acid, itaconic acid, malonic acid, succinic acid, glutaric acid, dimethylmalonic acid and citraconic acid.

4. (Currently Amended) A process for producing a display having a second substrate with a phosphor layer formed on a surface thereof, and a first substrate disposed opposing to said second substrate and having electron guns formed thereon, said electron guns having a structure of: a first conductive film laminated on the first substrate – an insulating film – a second conductive film, said process comprising: forming the insulating film into a tunneling insulator of said electron guns by anodizing said first conductive film formed as an electrode of said electron guns with a non-aqueous electrolyte containing an aprotic organic solvent and at least one solute